

# Temperature

## Pt100 temperature sensors for special applications in humid conditions up to 150 / 250 °C

High-grade Pt100 resistance sensor  
For measuring operations in very humid atmospheric conditions  
Operative over a wide range of temperatures

## Pt100 temperature sensors for applications in laboratories and medical engineering



Especially suitable for measuring temperatures in autoclaves, sterilizing units,, high-temperature steam applications, vacuum applications, and freeze drying units

### Variants

Pt100 sensor, cable length = 5 m, ALMEMO® plug

### Technical data

Measuring element	Pt100 4L, DIN class A (see page 07.03)
Protective tube	Stainless steel, diameter 3 mm, length 20 mm
Operative range	-30 to +150 °C
Cable	PFA, length 5 m
Working pressure	maximum 3.0 bar
Protective class	IP69K
ALMEMO® plug	Pt100 with resolution 0.01 K.

Order no. FPA30K20L0020

## Pt100 temperature sensors for industrial applications in air-conditioning / heat cabinets



Especially suitable for measuring temperatures in air-conditioning / heat cabinets with high atmospheric humidity  
Operative over a wide range of temperatures

### Variants

Pt100 sensor, cable length = 5 m, ALMEMO® plug

Pt100 sensor, cable length = 10 m, ALMEMO® plug

### Technical data

Measuring element	Pt100 4L, DIN class B (see page 07.03)
Protective tube	Stainless steel, diameter 4 mm, length 50 mm
Operative range	-100 to +250 °C
Cable	PFA
Protective class	IP68
ALMEMO® plug	Pt100 with resolution 0.01 K.

Order no. FPA40ST0050S01KL0050

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